

**November 29th**

**MOULDING THERMOPLASTICS**

LECTURER: M. Billings,  
Dow Chemical Co.,  
Sarnia, Ontario.

**December 6th**

**INJECTION MOULDING AUXILIARY  
EQUIPMENT**

LECTURER: A. R. Morse,  
Injection Moulders Supply,  
Cleveland, Ohio.

**December 13th**

**FINISHING EQUIPMENT AND TECHNIQUES**

LECTURER: L. J. Shehan,  
Canadian General Electric Co. Ltd.,  
Cohourg, Ontario.

**Section III—EXTRUSION EQUIPMENT AND  
TECHNIQUES**

**January 10th**

**EXTRUSION—MACHINE ELEMENTS**

LECTURER: George L. Bata,  
Carbide Chemicals,  
Montreal, Quebec.

**January 17th**

**EXTRUSION—MACHINE ELEMENTS**

LECTURER: George L. Bata,  
Carbide Chemicals,  
Montreal, Quebec.

**January 24th**

**EXTRUSION TECHNIQUES — THERMOPLASTIC  
MATERIALS**

LECTURER: George L. Bata,  
Carbide Chemicals,  
Montreal, Quebec.

**Section IV—BLOW MOULDING AND VACUUM  
FORMING**

**January 31st**

**BLOW MOULDING EQUIPMENT AND  
TECHNIQUES**

LECTURER: Glenn A. Tanner,  
Auto Blow Co.,  
Bridgeport, Conn.

**February 7th**

**VACUUM FORMING EQUIPMENT AND  
TECHNIQUES**

LECTURER: E. Bowman Stratton,  
Auto Vac Co.,  
Bridgeport, Conn.

**February 14th**

**PANEL DISCUSSION**

Presentation of Certificates.



UNIVERSITY OF TORONTO  
UNIVERSITY EXTENSION

Session 1960-61

Course on

**FUNDAMENTALS  
and  
TECHNOLOGY  
of the  
PLASTICS INDUSTRY**

sponsored by  
THE ONTARIO SECTION OF THE  
SOCIETY OF PLASTICS ENGINEERS

## FUNDAMENTALS AND TECHNOLOGY OF THE PLASTICS INDUSTRY

Tuesdays

16 Lectures

This is a comprehensive study course dealing with equipment and processing techniques employed in the plastics industry. It is the second half of a two-year course comprising a total of 35 lectures. Lectures are given by specialists in the field of industrial plastics who possess a broad knowledge of the entire polymer field.

### COURSE DIRECTOR:

Professor W. G. MacElhinney, M.A.Sc.

### COURSE CONSULTANT:

James E. Parkhill, Chairman,  
Barnett J. Danson & Associates Ltd.

### EDUCATIONAL PROGRAMME COMMITTEE:

James E. Parkhill, Chairman,  
Barnett J. Danson & Associates Ltd.  
William S. Berry,  
Bakelite Company.  
Kenneth G. Blakely,  
Chemical Oil and Resins Ltd.  
Ralph L. Bruton,  
Dow Chemical Company.  
Richard K. Buhr,  
Canadian Industries Ltd.  
Harold A. Shure,  
Naugatuck Chemicals.  
James H. Wallace,  
Plastene Canada Ltd.

TIME: 7:30 p.m.

Fall Term: October 11th–December 13th.  
Winter Term: January 10th–February 14th.

PLACE: Room 102, Mechanical Building.

FEE: \$25.00.

### Registration:

By mail or in person at Room 207, 65 St. George Street, 9 a.m. to 5 p.m. daily, except Saturdays. Information may be obtained by telephoning WA. 3-6611, locals 301, 304, 526, 527. In order to accommodate students and enable them to enrol during the evening, registrations will be taken:

Monday, September 12th

Monday, September 19th

from 7:30 to 9 p.m. in the Wallberg Building, corner of St. George and College Streets.

## PROGRAMME

### Section I—METHODS OF PROCESSING THERMOSETTING PLASTICS:

October 11th

#### OPENING REMARKS:

James E. Parkhill,  
Barnett J. Danson & Associates Ltd.

#### COMPRESSION MOULDING THERMOSETTING PLASTICS

LECTURER: Herbert Kaiser,  
Francis Shaw Ltd.,  
Manchester, England.

October 18th

#### FUNDAMENTALS OF THERMOSETTING MOULD DESIGN

LECTURER: D. M. Buchanan and E. W. Vaill,  
Union Carbide Plastics, Boundbrook, N.J.

October 25th

#### MOULDING THERMOSETTING PLASTICS

LECTURER: L. J. Shehan,  
Canadian General Electric Co. Ltd.,  
Cobourg, Ontario.

November 1st

#### FINISHING EQUIPMENT AND TECHNIQUES

LECTURER: E. Burro,  
Durez Plastics,  
Hooker Electro Chemical Corp.  
North Tonawanda, New York.

November 8th

#### REINFORCED PLASTICS TECHNIQUES

LECTURER: F. Harold Humphrey, Consultant,  
Markham, Ontario.

### Section II—METHODS OF PROCESSING THERMOPLASTICS:

November 15th

#### FUNDAMENTALS OF THERMOPLASTIC MOULD DESIGN

LECTURER: L. W. Meyer,  
Dow Chemical Co.,  
Midland, Mich.

November 22nd

#### INJECTION MOULDING MACHINE ELEMENTS

LECTURER: David J. Sloane,  
Lester Engineering Co.,  
Cleveland 13, Ohio.